

CHANNEL - CONTAINING OPTICAL DEVICE COMPONENTS

RECEPTIVE MATERIAL - OPTIONAL
ATTACHMENT LAYER
AR LAYER - OPTIONAL
BASE LAYER
SUPPORT

OPTICALLY FUNCTIONAL LAYER

FIG. 1



SUPPORT FEATURES AND OPTICALLY FUNCTIONAL LAYER



OPTICALLY FUNCTIONAL LAYER
SUPPORT WITH CHANNELS

FIG. 2A



OPTICALLY FUNCTIONAL LAYER CONTAINING CHANNELS
POROUS SUPPORT

FIG. 2B

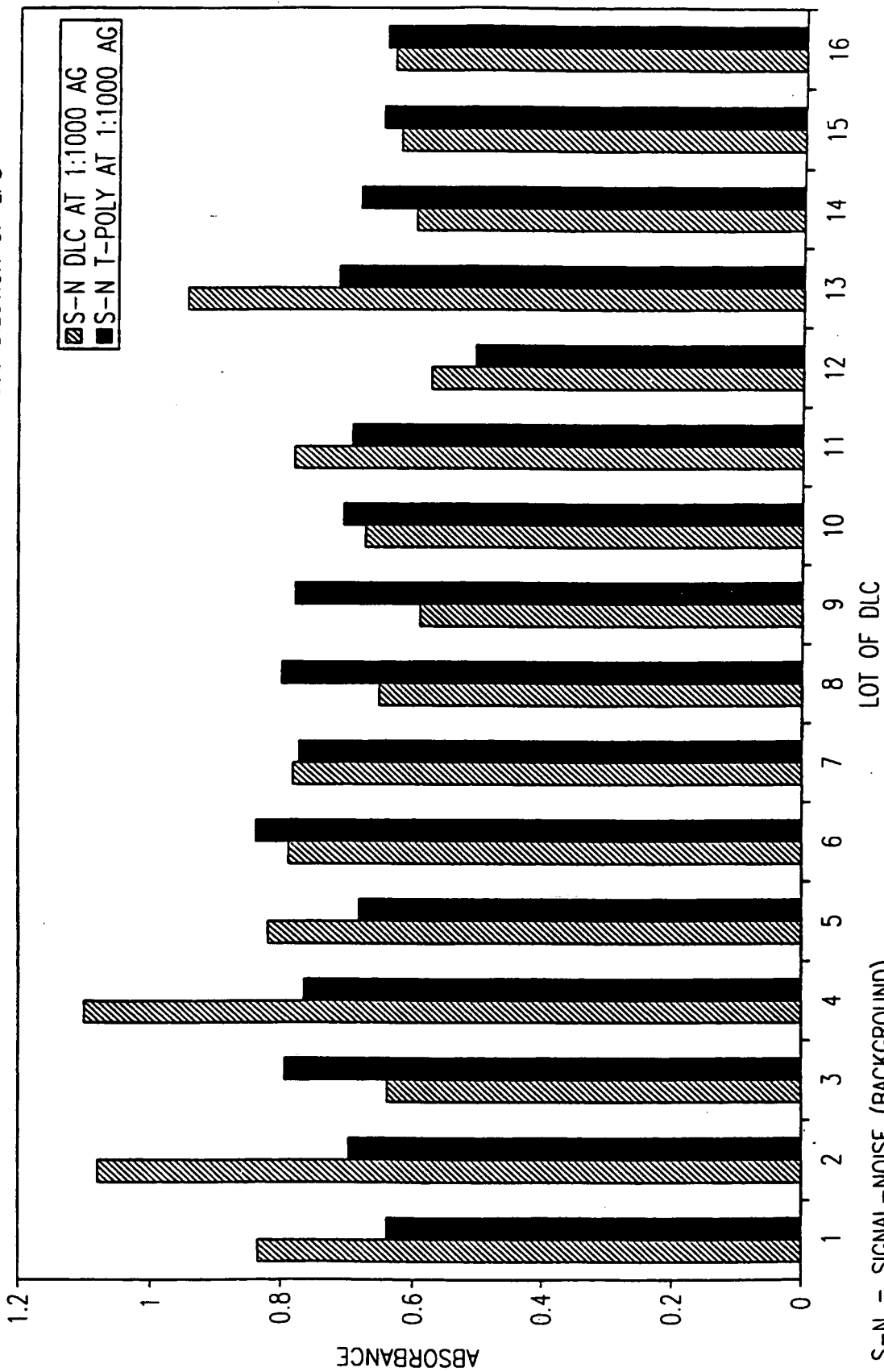


OPTICALLY FUNCTIONAL LAYER COMPRISING PARTICLES
POROUS SUPPORT

FIG. 2C



COMPARISON OF DLC TO T-POLYMER FOR CAPTURE OF LPS AT 1:1000 DILUTION OF LPS

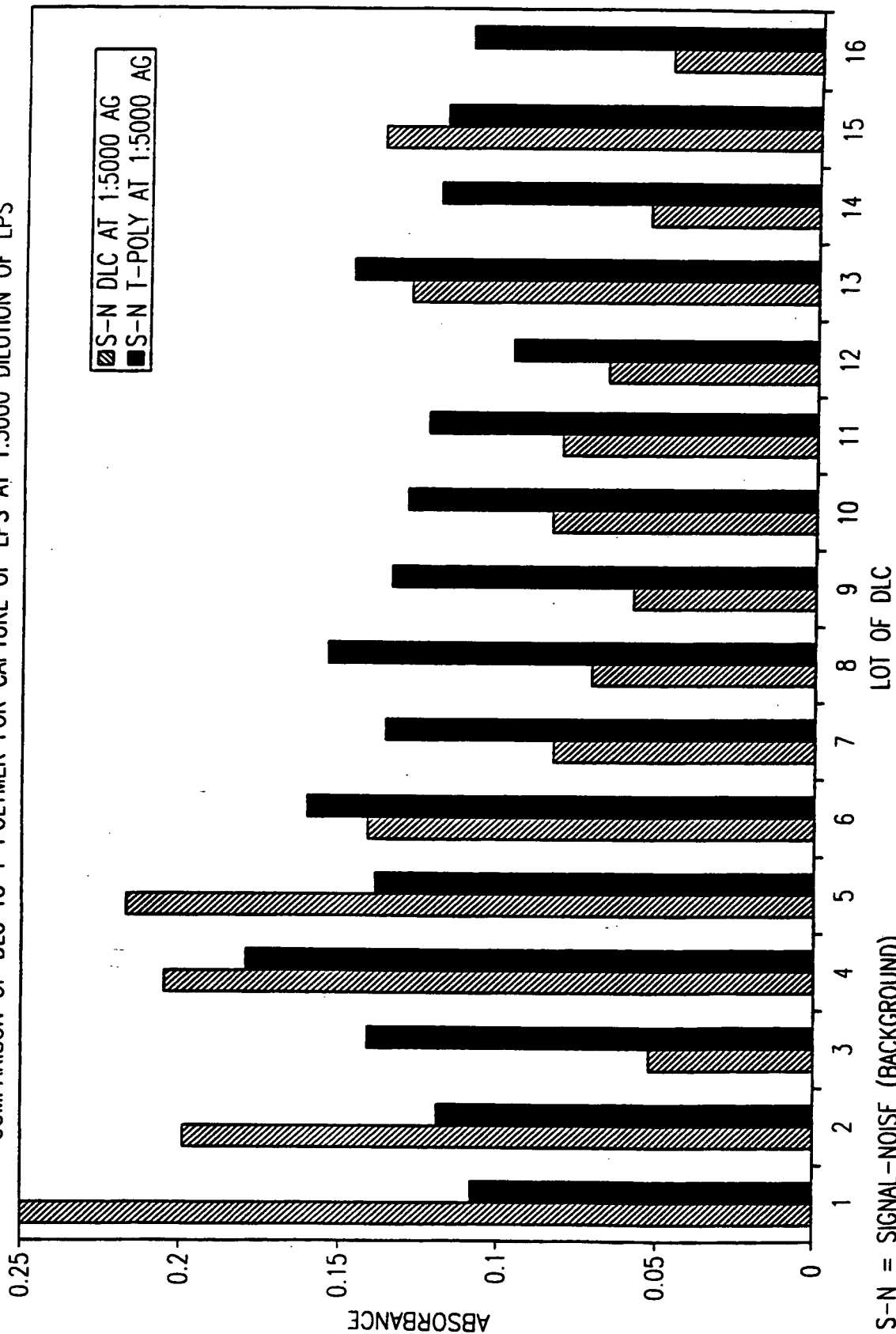


S-N = SIGNAL-NOISE (BACKGROUND),
ABSORBANCE = READING FOR TMB SUBSTRATE TURNOVER

FIG. 3



COMPARISON OF DLC TO T-POLYMER FOR CAPTURE OF LPS AT 1:5000 DILUTION OF LPS



S-N = SIGNAL-NOISE (BACKGROUND),
ABSORBANCE = READING FOR TMB SUBSTRATE TURNOVER

FIG.4